Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

AEE, YSTSD

No. **1st & Final bill** | YNK-DBR No..... Date..... | (For Other Works) | Date 20 | SBR No: 39/21-22

Division Yelahanka | Sub Division: Yelahanka Satellite Town | Date: 4/6/2021

Bill Received No ..... Dated ..... Cash Book Voucher No ..... dated .....

Scheduled Docket No .....

Name of Work: Development of Parks and Providing Children Playing Equipment in Ward No - 03 of Yelahanka Satellite town Sub division (Package -08).

Job Code No: 003-20-000110 **Est. cost: 200.00 lakhs**

Name of Contractor and Full Address : Sri.Ramesh Y.B, Bangalore.

Work Order No: **BBMP/EE/YNK.D/EPMT-15/W.O/ 139 /2020-21,** **Dated : 22/09/2020**

Certified that the measurements were taken by me on 3/6/2021 and recorded in pages 493727 to 493732 of measurement Book No 4938/2019-20 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work 3/6/2021

Certified that the measurements were taken by me on 3/06/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

3/6/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being percent Rs
3) Deduct amount to be held in Balance
4) Deduct Payment
   a) Amount of previous payment as in the Office Cash Book Voucher No Dated S D No
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No date less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Amt Rs	2.02.54.332-00
P&O = Rs	7,700-00
CCSP =	1.80.843-00
SOSP =	1.80.843-00
IT	2.02.543-00
LC	2.02.543-00
CBP =	20.255-00
Royalty = Rs	78.929-00
T.D. = Rs	8.73.356-00
Net Amt=Rs	1.93.80.976-00

Contractor's Signature

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum

Witnesses :

1

2

(For use in the Office)

Dated ..... Signature of Contractor

Audited & Admitted for Rs. 2.02.54.332-00
Two Crore two lakh fifty four thousand three hundred & thirty two only
and Rs. 1.93.80.976-00 by Cheque
and Rs. 8.73.356-00 by adjustment

Accts. Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
Executive Engineer

Paid by me by cheque No ..... Dated .....

Cash Rs ..... Dated .....

Initials of Officer Making Payment

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Development of Parks and Providing Children Playing Equipment in Ward No - 03 of Yelahanka Satellite town Sub division (Package -08)

ABSTRACT

Sl No	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	227.87	414.14	94370.00	-	-	227.26	414.14	94115.00	227.26	94115.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	82.06	5693.00	467181.00	-	-	82.06	5693.00	467181.00	82.06	467181.00
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	92.37	5115.35	472504.00	-	-	92.37	5115.35	472504.00	92.37	472504.00
	Above 125%	Cum	35.83	5115.35	183303.00			35.82	5115.35	183236.00	35.82	183236.00
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	25.73	6034.69	155284.00	-	-	25.73	6034.69	155284.00	25.73	155284.00
5	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)	Sqm	298.60	9601.20	2866870.00	-	-	298.60	9601.20	2866870.00	298.60	2866870.00

	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to Date	
6	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile. 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)	Sqm	14.40	13098.75	188622.00	-	-	14.40	13098.75	188622.00	14.40	188622.00
	Above 125%	Sqm	7.87	13098.75	103021.00			7.87	13098.75	103021.00	7.87	103021.00
7	KSRRB M300-53. Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification	Cum	108.90	361.73	39392.00			108.90	361.73	39392.00	108.90	39392.00
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos	964.00	454.10	437752.00	-	-	964.00	454.10	437752.00	964.00	437752.00
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification	Sqm	130.13	89.04	11586.00	-	-	130.13	89.04	11586.00	130.13	11586.00
10	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	359.03	1371.22	492309.00	-	-	359.03	1371.22	492309.00	359.03	492309.00
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	35.88	2101.34	75402.00	-	-	35.88	2101.34	75402.00	35.88	75402.00
2	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver urface joints into its final level, including cost of materials, labour and HOM complete as er specifications.	Sqm	239.22	1171.99	280363.00			239.22	1171.99	280363.00	239.22	280363.00

Sl No	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to	
13	KSRRB 2.6 Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site	Cum	124.65	2292.78	285802.00	-	-	124.48	2292.78	285403.00	124.48	285403.00
14	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)	Each	8.00	19110.00	152880.00	-	-	8.00	19110.00	152880.00	8.00	152880.00
15	Supplying of dustbin for collection of dry and wet waste for segregation, (Fiber dustbin Modern Type 3.0-3.75 Ft) inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	2.00	18900.00	37800.00			2.00	18900.00	37800.00	2.00	37800.00
16	Supply & fixing of Arm & Pedal Bike : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded HDPE. Bearings : Maintenance free ball bearings. Equipment which have	Each	4.00	223125.00	892500.00	-	-	4.00	223125.00	892500.00	4.00	892500.00
17	Supply & fixing of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest	Each	4.00	183750.00	735000.00	-	-	4.00	183750.00	735000.00	4.00	735000.00

Sr No	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to Date	
18	Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL	Each	4.00	310800.00	1243200.00	-	-	4.00	310800.00	1243200.00	4.00	1243200.00
19	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest	Each	4.00	301875.00	1207500.00	-	-	4.00	301875.00	1207500.00	4.00	1207500.00
20	Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL	Each	3.00	216562.50	649687.00	-	-	3.00	216562.50	649687.00	3.00	649687.00
Above 125%		Each	2.00	216562.50	433125.00			2.00	216562.50	433125.00	2.00	433125.00

Sl No	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to	
21	Supply & fixing of HD Double Health Walker : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no hump steps or crush points. Bearings : Maintenance free ball bearings	Each	3.00	310800.00	932400.00			3.00	310800.00	932400.00	3.00	9324000
	Above 125%	Each	2.00	310800.00	621600.00			2.00	310800.00	621600.00	2.00	6216000
22	Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal	Each	1.00	170625.00	170625.00	-	-	1.00	170625.00	170625.00	1.00	1706250
23	Fixing and installation of a three person body twister station: Size -131 X 100 X 133CM, that consists of three swivel stands that rotates but with a built in safety limitor that meets international safety standards as the arms and shoulders of the user are held square in the overhead hold that is fixed to a monolithic large arc tube center pillar without convex sides & minimal deformation ergonomically curved. The Center pillar has an OD of 89 mm, the wall thickness is min 3 mm & has a 8mm thick, 40cm gusset support at standard height of 1.4m. All fasteners to be of 304 stainless, Torx Anti Vandal Fasteners, All nuts enclosed in Polyamide Anti Vandal Caps. Finishing to be Metalized / Plasma zinc injection + Dupont/Alexta outdoor use color powder electrostatic coating. Safe Zone : 430 X 400 CM. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	3.00	246302.70	738908.00	-	-	3.00	246302.70	738908.00	3.00	7389080

Sl No	Description of Work	Unit	As per Modified Schedule - B			Previous Measurement		Present Measurement			Up to	
24	Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that	Each	4.00	150937.50	603750.00	-	-	4.00	150937.50	603750.00	4.00	603750.00
25	Supply & fixing of HD Sit Up Station : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallopedrimer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that	Each	3.00	164062.50	492187.00	-	-	3.00	164062.50	492187.00	3.00	492187.00
26	Supply & fixing of children multi play equipment with spiral slide, monkey bar with number pannel .Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m , spiral slide of size2.56m x 1.85m x 2.68m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for the outer bars &32 mm OD galvanized steel for the inner parallel bars with a baked on powder coated finish. Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm . Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck, step, platform ,stairs, baffle shall be all robotic welded. Inclined ramps of size 1.92m x 0.65m , stair case of size 1.5m x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber , piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 25mm OD galvanized steel pipes for inner bar with baked on powder coat finish.The poles welded on	Each	0.00	2011695.00	0.00			0.00	2011695.00	0.00	0.00	0.00

Sl No	Description of Work	Unit	As per Modified Schedule - B			Measurement						
27	Supply and fixing of childern Play Equipment Curved structural posts of height 3.5m, and 2.7mare to be schedule HOT DIP Galvanized steel with a 114mm ODand 2.2mm (wall) thickness of the tubing. The polesare welded on to a base plate made from steel with 114mm inner diameter. Handrail Dia 60mm shall bean all-robotic welded unit, fabricated from galvanized steel pipes with a baked on powder coating [using AkzoNobel INTERPON paints]finish. Swing of size 3.3 m x 0.9 m, Spring twirlof size 2.8mx 1.6 m, Twirl of size 3.0 m x 0.7 m, Steering wheel loops of size 2.5 m x 0.5 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per EN1176 standards as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. Plastic Components[super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	2.00	1573774.65	3147549.00	-	-	2.00	1573774.65	3147549.00	2.00	3147549.00
28	Supply and fixing of childern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	2.00	133236.60	266473.00	-	-	2.00	133236.60	266473.00	2.00	266473.00
29	Supply and fixing of childern Play Equipment Two seater seesaw : The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	2.00	87651.90	175303.00			2.00	87651.90	175303.00	2.00	175303.00
30	Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification	Kgs	113.22	142.46	16129.00	-	-	113.22	142.46	16129.00	113.22	16129.00
1	Supplying and fixing new Mangalore tiles on existing reepers including cost of materials, labour, HOM complete as per specifications.	Sqm	7.77	452.99	3519.00	-	-	7.77	452.99	3519.00	7.77	3519.00
	EIRL											
	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alli materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	17.46	2337.00	40804.00	-	-	17.46	2337.00	40804.00	17.46	40804.00

Sl No	Description of Work	Unit	As per Modified Schedule - B			Measurement						
E2	Supply and fixing of childern Play Equipment Monker Bar VFM Support posts of height 1.82 m are to be schedule Galvanized steel with a 60 mm OD (Outer Diameter).All the posts are to be finished with a baked on powder coat finish. Handrail of size 1.3 m and Dia 48 mm shall be an welded unit, fabricated from 48 O.D galvanized steel pipes with a baked on powder coating finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel. Electro - statically applied polyester powder must have a tough finish with maximum durability. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	1.00	94710.00	94710.00	-	-	1.00	94710.00	94710.00	1.00	94710.00
E3	Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The rest is made from	Each	4.00	156250.00	625000.00	-	-	4.00	156250.00	625000.00	4.00	625000.00
E4	Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have	Each	2.00	150000.00	300000.00	-	-	2.00	150000.00	300000.00	2.00	300000.00

No	Description of Work	Unit	As per Modified Schedule - II			Previous Measurement		Present Measurement				
E5	Supply & fixing of Leg Stretch : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7327 to speed up corrosion for 3000 hrs. Bearings : Maintenance free ball	Each	1.00	48800.00	48800.00	-	-	1.00	48800.00	48800.00	1.00	48800.00
E6	Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7327 to speed up corrosion for 3000 hrs. The cast is made from	Each	1.00	112500.00	112500.00	-	-	1.00	112500.00	112500.00	1.00	112500.00
Total					19895710.00					19894989.00		19894989.00
GST 12%					359429.76					359343.24		359343.24
Grand Total					20255139.76					20254332.24		20254332.24

CERTIFICATE

Certified that the work done is satisfactorily.

There is no departmental issues by BBMP

NEWZEN CONSULTANT Bangalore

Contractor

Consultant

Asst. Engineer

-3/6/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106